



JUN 28 2004

PATENT

Attorney Docket No. 100-23400 [P05711]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of) Group Art Unit: 2859
Peter J. Hopper et al.)
Appn. No. 10/690,181) Examiner: Unknown
Filed: October 21, 2003)
For: OPTICAL SENSOR THAT MEASURES) POWER OF ATTORNEY BY ASSIGNEE AND
THE LIGHT OUTPUT BY THE) ESTABLISHMENT OF RIGHT OF ASSIGNEE
COMBUSTION CHAMBER OF AN) TO PROSECUTE UNDER 37 C.F.R. §3.73(b)
INTERNAL COMBUSTION ENGINE)

)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

NATIONAL SEMICONDUCTOR CORPORATION, assignee of the entire right, title and interest in the above-identified application by assignment dated October 20, 2003, **which assignment is recorded in the U.S. Patent and Trademark Office at Reel 014626, Frame 0413**, hereby appoints the Law Offices of Mark C. Pickering, a firm composed of: Mark C. Pickering (36,239); and the following members of the National Semiconductor Corporation Intellectual Property Department: Christopher J. Byrne (32,204); Eugene C. Conser (39,149); John Maxin (34,668); Coleman F. Reif (38,593); Allen R. Tremain (40,207); Andrew S. Viger (28,552); and Peter Y. Wang (40,452) as our attorney(s) or agent(s) to prosecute the above-identified application, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Mark C. Pickering
Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, California 94953-0300
Direct Telephone: (707) 762-5583
Main Telephone: (707) 762-5500
Facsimile: (707) 762-5504
Customer No. 33402

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Dated: 4/7/04

By:

Name: Christopher J. Byrne

Title: Director of Intellectual Property and Technology Licensing

NATIONAL SEMICONDUCTOR CORPORATION